

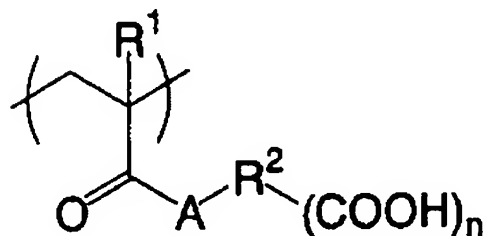
## **AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

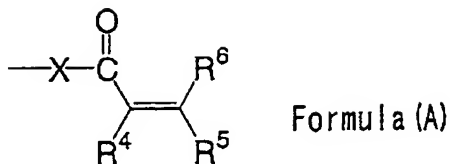
### **LISTING OF CLAIMS:**

Claim 1. (currently amended): A polymerizable composition comprising a binder polymer having a repeating unit represented by the following formula (I) and a repeating unit having a radical-polymerizable group represented by the following formula (A) or (C), an infrared absorbent, a polymerization initiator and a polymerizable compound,

Formula (I)

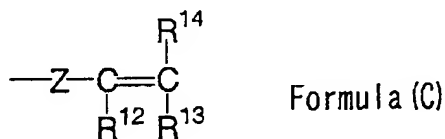


wherein R<sup>1</sup>-R<sup>1</sup> represents a hydrogen atom or a methyl group; R<sup>2</sup>-R<sup>2</sup> represents a linking group which includes two or more atoms selected from the group consisting of a carbon atom, a hydrogen atom, an oxygen atom, a nitrogen atom and a sulfur atom and has a number of atoms of 2 to 82; A represents an oxygen atom or [[—NR<sup>3</sup>—]]—NR<sup>3</sup>— in which R<sup>3</sup>-R<sup>3</sup> represents a hydrogen atom or a monovalent hydrocarbon group having 1 to 10 carbon atoms; and n represents an integer of 1 to 5;



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wherein R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> each independently represent a hydrogen atom, or a monovalent substituent; and X represents an oxygen atom, a sulfur atom or N-R<sup>15</sup> in which R<sup>15</sup> represents a hydrogen atom or monovalent organic group;



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wherein R<sup>12</sup>, R<sup>13</sup> and R<sup>14</sup> each independently represent a hydrogen atom, or a monovalent substituent; and Z represents an oxygen atom, a sulfur atom or N-R<sup>15</sup> or a phenylene group, in which R<sup>15</sup> represents a hydrogen atom or a monovalent organic group.

Claim 2. (previously presented): The polymerizable composition according to claim 1, wherein the number of atoms constituting a skeleton of the linking group represented by R<sup>2</sup> in the binder polymer having the repeating unit represented by formula (I) is 1 to 30.

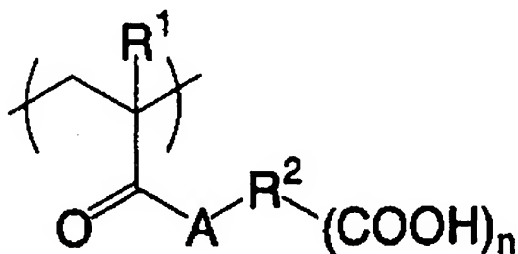
Claim 3. (previously presented): The polymerizable composition according to claim 1, wherein the binder polymer is a copolymer comprising at least the unit represented by formula (I) and a unit having a radical polymerizable group and/or a unit having an amide group.

Claim 4. (original) The polymerizable composition according to claim 1, wherein a molecular weight of the binder polymer is 2,000 to 1,000,000.

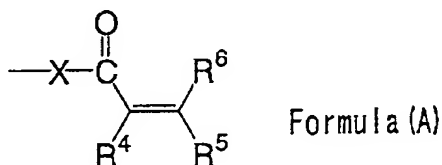
Claim 5. (currently amended): The polymerizable composition according to claim 1, wherein a glass transition point ( $T_g$ ) of the binder polymer is 70 to ~~300~~ 300°C.

Claim 6. (currently amended): A planographic printing plate precursor comprising a support having disposed thereon a photosensitive layer that contains a polymerizable composition including a binder polymer having a repeating unit represented by the following formula (I) and a repeating unit having a radical-polymerizable group represented by the following formula (A) or (C), an infrared absorbent, a polymerization initiator and a polymerizable compound,

Formula (I)

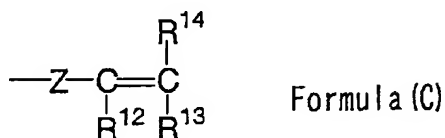


wherein  $R^1$  represents a hydrogen atom or a methyl group;  $R^2$  represents a linking group which includes two or more atoms selected from the group consisting of a carbon atom, a hydrogen atom, an oxygen atom, a nitrogen atom and a sulfur atom and has a number of atoms of 2 to 82; A represents an oxygen atom or  $[-NR^3-]$  in which  $R^3$  represents a hydrogen atom or a monovalent hydrocarbon group having 1 to 10 carbon atoms; and n represents an integer of 1 to 5;



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wherein  $R^4$ ,  $R^5$  and  $R^6$  each independently represent a hydrogen atom, or a monovalent substituent; and X represents an oxygen atom, a sulfur atom or  $N-R^{15}$ ;



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wherein  $R^{12}$ ,  $R^{13}$  and  $R^{14}$  each independently represent a hydrogen atom, or a monovalent substituent; and Z represents an oxygen atom, a sulfur atom or  $N-R^{15}$  or a phenylene group, in which  $R^{15}$  represents a hydrogen atom or a monovalent organic group.

Claim 7. (currently amended): The planographic printing plate precursor according to claim 6, wherein the binder polymer is used in combination with a binder having an acrylic backbone-chain or an a urethane binder.

Claim 8. (currently amended): ~~The planographic printing plate precursor according to claim 6,~~ A method of forming an image comprising  
providing a planographic printing plate precursor according to claim 6, and  
exposing the planographic printing plate precursor wherein an image is formed by to a  
laser beam having a wavelength of 300 to 1,200 nm.

Claim 9. (original): The planographic printing plate precursor according to claim 6, wherein the polymerization initiator is a radical generating agent selected from the group consisting of onium salts, triazine compounds, peroxides, azo-based polymerization initiators, azide compounds, quinonediazide, oximeester compounds and triarylmonoalkylborate.

Claim 10 (original): The planographic printing plate precursor according to claim 9, wherein the radical generating agent is an onium salt selected from the group consisting of an iodonium salt, a diazonium salt and a sulfonium salt.

Claim 11. (original): The planographic printing plate precursor according to claim 6, wherein the polymerization initiator is included in an amount of 0.1 to 50% by mass relative to a total solid content in the photosensitive layer.

Claim 12. (original): The planographic printing plate precursor according to claim 6, wherein the the polymerizable compound is included in an amount of 5 to 80% by mass relative to nonvolatile components in the photosensitive layer.

Claim 13. (original): The planographic printing plate precursor according to claim 6, further comprising a thermal polymerization inhibitor.

Claim 14. (currently amended): The planographic printing plate precursor according to claim ~~6~~13, wherein the thermal polymerization inhibitor is selected from the group consisting of hydroquinone, p-methoxyphenol, di-t-butyl-p-cresol, pyrogallol, t-butylcatecol, benzoquinone, 4,4'-thiobis(3-methyl-6-t-buthylphenol), 2,2'-methylenebis(4-methyl-6-t-butylphenol) and a primary cerium salt of N-nitrosophenylhydroxyamine.

Claims 15 - 20 (canceled).

Claim 21. (new): The planographic printing plate precursor according to claim 1, wherein  $R^2$  in formula (I) represents an alkylene group or an arylene group.

Claim 22. (new): The planographic printing plate precursor according to claim 6, wherein  $R^2$  in formula (I) represents an alkylene group or an arylene group.